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Book Descriptions:

cambridge audio 840c cd player manual

All interconnects to ensure your system realises its full potential. The colours of the wires in the mains dealer. The RS232C port allows some external serial control of the 840C for custom install use. A command set is available on the Cambridge Audio website at www.cambridgeaudio.com. This port can also be used by Cambridge Audio service personnel for software updates. When pressed, the LED will light up for 7 seconds to let you know you. The 840C features some advanced settings that allow its use to be customised to user preference. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS it can be returned by your dealer to Cambridge Audio or an authorised WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND Cambridge Audio service agent. Information in this document has been carefully checked for accuracy at the time of printing; however, Cambridge Audios policy is one of continuous improvement, therefore design and specifications are subject to change without prior notice. Upsampling compact disc player. User's manualPage 4 Safety precautions SAFETY PRECAUTIONS. Checking the Power Supply Rating The crossedout wheeled bin is the European Union symbol forPage 5 Important safety instructions 840C Upsampling compact disc playerPage 6 Rear panel connections REAR PANEL CONNECTIONSPage 7 840C Upsampling compact disc player. In Allows. Page 8 Front panel controls FRONT PANEL CONTROLSPage 9 840C Upsampling compact disc playerLCD used to display upsampling rate, CD track number. Page 10 Remote control REMOTE CONTROL. The 840C is supplied with an Azur Navigator remote control that SkipPage 11 Remote control of matching products 840C Upsampling compact disc playerPage 12 Operating instructions OPERATING INSTRUCTIONS. Loading and unloading discs Normal disc play. Page 13 840C Upsampling compact disc player.<http://www.eliam.com/images/editor/how-to-use-nikon-d40-manual.xml>

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Locating a particular point in a track Playing tracks in a random orderUsing the AB function Programming disc playPage 15 External digital sources 840C Upsampling compact disc playerPage 16 CD player setup CD PLAYER SETUP. The 840C has a custommade display on the front of the unit showing Digital outputsThe digital output word. Page 18 Troubleshooting CUSTOM INSTALLATION C.I. USE TROUBLESHOOTING. The 840C features a Control Bus RS232C IR Emitter Control Bus There is no power. Page 19 Technical specifications 840C Upsampling compact disc playerPage 21 840C Upsampling compact disc player. This guide is designed to make installing and using this product as easy as. Page 22 azur 840C. Page 3 840C Upsampling compact disc player INTRODUCTION Thank you for purchasing this Azur 840C Upsampling Compact Disc Player. This unit is part of our new 8 series range, taking Cambridge Audio to new levels of audio excellence. The 8 series range has been developed as part of our commitment to the ongoing development of the Azur range. We hope that you will appreciate the results and enjoy many years of listening pleasure from it. The 840C incorporates a raft of new technologies and features. Page 4 SAFETY PRECAUTIONS Checking the Power Supply Rating For your own safety please read the following instructions carefully before attempting to connect this unit to the mains. Check that the rear of your unit indicates the correct supply voltage. If your mains supply voltage is different, consult your dealer. This unit is designed to operate only on the supply voltage and type that is indicated on the rear panel of the unit. Connecting to other power sources may damage the unit. Page 5 840C

Upsampling compact disc player IMPORTANT SAFETY INSTRUCTIONS Please take a moment to read these notes before installing your Azur CD player, they will enable you to get the best performance and prolong the life of the product.<http://innermiracles.com/ndue5jVDOqbZPrYI.xml>

We advise you follow all instructions, heed all warnings and keep the instructions for future reference. The unit is of Class 1 construction and must be connected to a Mains socket outlet with a protective earthing connection. The 840C can then act as a very high quality upsampling DAC, improving the sound quality of the connected sources. Standby is a low power mode where the power consumption is less than 10 Watts. The unit should be left in Standby mode when not in use. 6 3 Menu Press to scroll through 840C menu screens. Page 10 REMOTE CONTROL The 840C is supplied with an Azur Navigator remote control that operates both this CD player and other Cambridge Audio Azur amplifiers. Insert the supplied AAA batteries to use. Skip Right Skip press once to skip forward by one track on the CD. Press and hold to skip forwards through tracks. Note The remote may be in Amp mode when first activated. Please refer to the Amp Control section for more information. Left Skip press once to skip backward by one track on the CD. When pressed, the LED will light up for 7 seconds to let you know you are in Amp mode, and will then flash when any of the relevant circled Amp buttons is pressed. All other remote buttons are inactive when in Amp mode. Page 14 OPERATING INSTRUCTIONS CONTINUED Using the AB function Programming display 1. Ensure that the disc is playing, press AB on the remote control. This will allow you to continuously repeat a specific section of a track. 1. Ensure that a disc is loaded and the player is in Standby mode. 2. Press the Repeat button on the remote control at the beginning of the section you want to loop. Page 16 CD PLAYER SETUP The 840C has a custommade display on the front of the unit showing the current status and allowing access to the 840C System Configuration menus. The 840C features some advanced settings that allow its use to be customised to user preference. Digital outputs The digital outputs can be set to two options 1.

Output the raw data from the CD or digital input with no processing. These control commands are typically generated by custom installation multiroom systems or remote IR receiver systems. The Control Bus sockets are colourcoded orange. Cambridge Audio will repair or replace at Cambridge Audios option this product or any defective parts in this product. Warranty periods may vary from country to country. If in doubt consult your dealer and ensure that you retain proof of purchase. Page 21 840C Upsampling compact disc player This guide is designed to make installing and using this product as easy as possible. Information in this document has been carefully checked for accuracy at the time of printing; however, Cambridge Audios policy is one of continuous improvement, therefore design and specifications are subject to change without prior notice. Page Count 61 Analog Filter. Dual Analog Devices. AD1955 24 bit DAC's. Analog Devices Black Fin. ADSPBF532 32 bit DSP. Up sampling to 24 bit 384 kHz Linear Phase Bessel Filter. Total correlated jitter S to N ration, A weighted. Gallery Court Hankey Place London SE1 4BB UK For continued compliance all components Notes on chip component replacement. Never reuse a component that has been removed from a PCB. Notice that the minus side of a tantalum capacitor may be damaged by heat Cambridge Audio and Azur are registered trademarks for Audio Partnership PLC. This document Alteration or removal of any trademark, copyright, or other notice from this content is prohibited. Information provided in this document is provided solely for the use of official service agents in Use of controls or adjustments, or Cambridge Azur approved parts only. During repair, pay attention to electrostatic breakdown and also use the procedure in the printed The flexible board is easily damaged and should be handled with care. Therefore, when checking the laser diode Exploded Diagram. Cambridge Audio Azur 840C CD Player Description. Exploded Diagram Parts List.

Azur 840C Servo PCBA Rev A. Azur 840C Control PCB Assy Rev A. Azur 840C Front Panel S Artwork Print Coll Grey 8C Silver. Azur 840C Front Panel B Artwork Print Cool Grey 7C Black. Azur 840C Display Module MBCF00003B00V0. V2 CD Sanyo Laser DA11V. Azur V2 CD Mechan assy with

Sanyo DA11V Rev AAzur 840A Side Panel, Silver. Azur 840A Side Panel, Black. Azur 840C Top Panel Silver. Azur 840C Top Panel Black. Exploded Drawing Parts List. Cambridge Audio Azur 840C CD PlayerTo Servo BoardStopCambridge Audio Azur 840C CD PlayerCambridge Audio Azur 840C CD PlayerAP Part. No. ValueSide adjust Footprint 9.5 x 4.5Factory Part NoComponent IdentMount on bottom side of PCB withMiniature 16V Pitch 2.5mm. Height 5.2mmPlease obtain these locally.To enhance viewing, please print to A3To enhance viewing, please print to A3C59 100nFCambridge Audio Azur 840C CD PlayerCambridge Audio Azur 840C CD PlayerAP Part. Value. Description. Qty. Component Ident. Factory Part no. NotesCeramic COG 50V 5mm Pitch. Ceramic COG 50V 5mm Pitch. Ceramic 50V 5mm Pitch. Ceramic 50V 5mm Pitch. Mylar 5mm Pitch. Ceramic 50V 5mm PitchCeramic 50V 5mm PitchCeramic 50V 5mm PitchCeramic 50V 5mm Pitch. Mylar 5mm PitchTOSHIBA Digital Servochip. ProcessorPlease obtain these locally.AP Part. Factory Part noNPN Transistor. PN P T r ansistor. Signal Diode. Rectifier DiodeFFC 1. 0mm PitchPC B Mount Fuse H olderInductor 8mm PitchInductor 8mm PitchInductor 8mm PitchPlease obtain these locally.To enhance viewing, please print to A3Cambridge Audio Azur 840C CD PlayerCambridge Audio Azur 840C CD PlayerAP Part. Factory Part Number. NotesPlease obtain these locally.Schematic RefU 9 pin 7SPD IF signal fr om SPD IF T X fr om D SP. U 9 pin 4. D igital. D igitalU9 pin 5. SPD IF signal fr om C D ser vo to SPD IF RX ch 2 to D SP. Digital. U 8 pin 6. D igitalSPD IF signal fr om C D ser vo C D playback selected. U 8 pin 4. D igitalU 9 pin 3. D igitalU 8 pin 2. D igitalMeter. Type. U 8 pin 1U 7 pin 12U 7 pin 4Measur ement. D escr iption.

U 7 pin 13. U 7 pin 3. Measurement. Node. Signal. Cambridge Audio Azur 840C CD PlayerDigital. U12 pin 12. U12 pin 13D SP Master clockTo SPDIF TX Digital audio Word CLK CD selected With disc playingUpsample frequency set to 48kHzMeter. TypeMeasur ement. SPD IF T X master clock. U 12 pin 21. U12 pin 14. From SPDIF RX Digital audio Word CLK CD selected With disc playing. From SPDIF RX Digital audio Bit CLK CD selected With disc playing. SPD IF RX master clock. U11 pin 28. U11 pin 27. U11 pin 26. U 11 pin 25. To enhance viewing, please print to A3Page. Schematic Ref. Cambridge Audio Azur 840C CD PlayerPage. U 52 pin 7. U 52 pin 6. C ur r ent sour ce r ef voltage. V oltage. U 52 pin 2. C ur r ent sour ce r ef voltageMeter T ypeMid r ail D C voltage r ef. U 52 pin 5. U 52 pin 3. V oltageC ur r ent sour ce r ef voltage. U 37 pin 3. V oltageTo DAC1 Digital audio Word CLK CD selected With discTo DAC1 Digital audio Bit CLK CD selected With discMeasur ementT o D AC 1 master clock. U 52 pin 1. U 37 pin 2. U 38 pin 2. U130 pin 2. U130 pin 3. U130 pin 4. U 130 pin 27. Measur ement N ode. Signal T ype. Cambridge Audio Azur 840C CD PlayerU 40 pin 7. Less than 5mV dcTHD meter. THD meterU 39 pin 5. THD meter. THD meterLess than 5mV dcU 39 pin 4THD meter. Voltmeter'scopeTHD meter. Approx 0.45V dcApprox 0.45V dcMeter T ype. Measur ement. THD measurement CD selected With disc playing 1kHzTHD measurement CD selected With disc playing 1kHzD escr iption. Less than 5mV dc. U 37 pin 6. U38 pin 6. Signal T ypePage. Cambridge Audio Azur 840C CD PlayerU 53 pin 1. V oltageC ur r ent sour ce r ef voltageC ur r ent sour ce r ef voltage. C ur r ent sour ce r ef voltageC ur r ent sour ce r ef voltageC ur r ent sour ce r ef voltage. U 53 pin 6. U 53 pin 7C ur r ent sour ce r ef voltageMid r ail D C voltage r ef. U 33 pin 3. U 53 pin 5To DAC1 Digital audio Word CLK CD selected WithTo DAC1 Digital audio Bit CLK CD selected With discMeasur ement. U34 pin 2. U33 pin 2. U131 pin 2. U131 pin 3.

U131 pin 5. T o D AC 2 master clock. Voltage. U 131 pin 27NodePage. Test Point. Cambridge Audio Azur 840C CD PlayerMeter T ypeTHD meter. Signal Type. U 50 pin 7. U 35 pin 5. U 35 pin 4. U 34 pin 6. U33 pin 6. NodeFS tone. THD measurement CD selected With disc playingTHD measurement CD selected With disc playingTHD measurement CD selected With disc playingTHD measurement CD selected With disc playingD escr iptionTHD meter. THD meterTHD meter. THD meterVoltmeter'scope. Approx 0.45V dcVoltmeter'scope. Approx 0.45V dcMeter T ype. Page. Cambridge Audio Azur 840C CD PlayerCambridge Audio Azur 840C CD PlayerCambridge Audio Azur 840C CD PlayerA P P ar t N o. V a l u e. D e s c r i p t i o n. F a c t o r y P a r t N o. Q t y. C o m p o n e n t I d e n t. ResistorsResistor 0. 125WResistor 0. 063W. Resistor 0. 063W. Resistor 2W C ar bon.

Resistor pack. Resistor ME L F type 0. 2W. Resistor 0. 125W. Resistor ME L F type 0. 2W Resistor 0. 063W. Resistor 0. 063W Resistor 0. 063W. Resistor 0. 063W C274 position C er amic. C er amic. C er amic Polypr opelene X 7R C er amic. C er amic or Polyester Rated cur r ent 2A Sur ge cur r ent 10A Note resistors, capaciots and other generic electronic componetents are Please obtain these locally. A P P ar t N o. N ot e s X 7R C er amic. Monolythic C er amic. X 7R C er amic. Polar E lectr olytic Polar E lectr olytic. Polar E lectr olytic. Polar E lectr olytic N PN Power IR Receiver. Optoisolator. Quad NAND CMOS Dual 41 MUX. Dual 41 MUX. Quad OR Gates Quad Buffer. Reset IC. Hex Inverter OPAMP single. OPAMP balanced. OPAMP dual Connectors. Phono Socket dual horizontal Note resistors, capaciots and other generic electronic componetents are Please obtain these locally. A P P ar t N o. Q ty Phono Socket single X L R SK T Male N ot e s Crystal Inductor Relay Polyfuse Please obtain these locally. Cambridge Audio Azur 840C CD Player Cambridge Audio Azur 840C CD Player AP Part No. Description B10BXHA JST 10 Way 2.54mm. B8BXHA JST 8 Way 2.54mm Ident. Qty No.

Heatsink Fuse C over Note resistors, capacitors and other generic electronic components are Please obtain these locally. Details Front Panel PCB U2 To Follow. Gallery Court. Hankey Place. London SE1 4BB. England. Azur 840C CD Player. Upgrade Software Instructions Introduction. The following instructions are a step by step guide on how to upgrade the DSP Digital. Signal Processor chip Type is Analog Devices ADSPBF532BSTZ400 and ident on Equipment Required Desktop PC or Laptop with Windows XP Service Pack 2 installed, and with one 9 Example cable to use is. Product Code 976880 from Farnell . Pin layout and Pin Layout. Example Cable Laptop 840C Loader Program.zip. Latest 840C DSP Software AP20059X 740C 840C DSP software upload file. VX.X 6.1.ZZ.bin. Latest 840C PIC Software AP20058X 840C VX.X.HEX. Note All the required software can be found on the Service Extranet. Please Checking Software Version. Before you start, you need to make a note of the current version of software installed in Z.Z is the PIC version number. Note down the full software version number. This means the 840C is ready to Modem into on your PC or Laptop, then press "OK". Please locate the latest PIC software Also "Loading Also, the 840C will return to its Standby mode. If the problem persists, Note Please skip step 1 if you. Also make sure you Please locate the latest DSP software Also, the 840C will return to its Standby mode. If the problem persists, In this example the HEX version is 1.1 If the unit is functioning correctly, The DSP has been successfully updated. The process is now complete. File Type Extension pdf. PDF Version 1.4. Linearized Yes. Page Count 61. XMP Toolkit XMP toolkit 2.9.113, framework 1.6. About uuidc3430a30fa584c24ad3f40e3f8314a78. Producer Acrobat Distiller 6.0.1 Windows. Create Date 20070223 143542Z. Creator Tool PScript5.dll Version 5.2.2. Modify Date 20070223 143542Z. Document ID uuid5fdf6a06daf5429d92ad4e2aab16b54e. Creator sharonn. Title AP211841 Cambridge Azur 840C CD Player Service Manual.pdf.

Author sharonn. All files are provided under strict licence and reproduction without prior permission or for financial gain is strictly prohibited. If you have additional documentation please consider donating a copy to our free archive. No issues for many years. Have used it as a DAC only with TV audio and a DAT machine. My only other observation is that I use the balanced output to the balanced input of the amp exclusively. And I found that the XLR cables you use between the two has a quite audible impact on the sound. This pair does not really love the entry level Kimber Heros all that much. I switched brands and got a better balance I think. I got Straightwire for the speakers and between the CD and amp and it really opened up, but sometimes almost too much of a good thing. Just so you know you might need to juggle wires till you are satisfied. Comments Symptoms of these problems appears within 6 months after the brand new purchased at authorized distributors Distributors technician had give up and no longer able to repair this kind of damage, and Ive paid a lot of money to repaired this CDP, even via by the authorized distributors or unauthorized technician Because I felt desperate and curious, I finally open it and try to repair it by myself, with the help from the service manual and after I have tried replaced the capacitor as its mentioned in the service

bulletin, and replacing all capacitors with higher voltage 5063 V for 10uf value only , relay clicking sound has gone, but still no audio output. Another long time intensive searching and observing DAC DSP Board , I finally made a conclusion, this problem arises.I would like to ask all members here.I want to fix this CDP by myself with same help from all off you and hoping can bring the CDP back to life. Thank U everyone, all helps, advices, recommendations and opinions are wellcome Please help.

To purchase Azur 840C spares or accessories, please contact the company via their website or visit an authorised retailer. CambridgeAudioAzur640AV2OwnersManual 21 Oct 2016.Cambridge Audio Azur 540R DTS Surround Amplifier Repair. 6 Mar 2008. Despite successfully mixing it with the big Japanese manufacturers, there is still something quintessentially British about Cambridge Audio. 21 Oct 2016. cambridge audio azur 640c v2 mods cambridge audio azur 640c v2 manual cambridge audio azur 640c v2 cd cambridge audio azur 640c v2. 17 Nov 2015. The Cambridge 640A uses a CAPS 5 Protection system. The power. Cambridge Azur 640A Version 2 Amplifier Repair. Audio Amplifier Servicing. Loading. I will send you the V2 service manual. I would. Cambridge Audio Azur 540R DTS Surround Amplifier Repair SYNTHEMATIX Duration 633. 21 Oct 2016. cambridge audio azur 540a amplifier review cambridge audio azur 540a protection light cambridge audio azur 540a ebay cambridge audio. Front panel controls 6 Op Remote control The 740C is supplied with an Azur Navigator. AP191181 azur 540R V2.0 User s Manual taurus highend gmbh. You can examine Cambridge Audio azur 540R V2.0 User Manuals and User Guides in PDF. View online or download 2 Manuals for Cambridge Audio azur. Hi I am thinking about getting a Cambridge Audio 540R AVR. I have compared Version 2 and 3, but I m still unsure about whether the. Cambridge Audio Azur 540R V2 6.1 Channel 100 Watt AV Receiver. As the name correctly suggests, Cambridge Audio had its origins in Cambridge, England where. The Azur range featured seven models designed together as an identifiable family that included the 340A, 540A and 640A integrated amplifiers. Cambridge Audio is another British manufacturer of highvalue equipment.Reload to refresh your session. Reload to refresh your session. Something went wrong. It supports CDA file format. You can play CD disc type on this player.

Its digital audio coaxial output enhances the sound quality by transmitting digital signals. Product Identifiers Brand Cambridge Audio MPN 840CSL UPC 0033520409503 Model Azur 840C eBay Product ID ePID 83054667 Product Key Features Playable File Formats CDA Type CD Player CD Changer Capacity 1 Compatible CD Formats CD Dimensions Width 42.9cm Height 11.4cm Depth 37.3cm Additional Product Features Inputs Digital Audio Optical X 2, Digital Audio Coaxial X 2 Audio Outputs Digital Audio Coaxial Number of Discs 1 Show more Show less Ratings and reviews 5.0 2 product ratings 5 2 users rated this 5 out of 5 stars 2 4 0 users rated this 4 out of 5 stars 0 3 0 users rated this 3 out of 5 stars 0 2 0 users rated this 2 out of 5 stars 0 1 0 users rated this 1 out of 5 stars 0 Most relevant reviews by internatinaledu. 07 Mar, 2013 Eine sehr gute Adresse, jeder Zeit gerne wieder, Thanks Ed Kann diesen Player jedem der saubere detaillierte Musik in einer Preisklasse die noch erschwinglich ist, sehr, sehr empfehlen. Habe den Player ca. 3 Wochen und mit jedem Tag klingt er immer besser, wo soll das noch hinfuehren. Habe und werde diesen Kauf nie bereuen.This is a good cd player but I especially like the upsampling DACB which allows you to put other digital devices through it, improving the quality of sound from other equipment. I find details this useful with older items with less capable internal DACB. It helps towards getting analogue quality from digital sources. This item doesnt belong on this page.